

California Department of Food and Agriculture  
 Finished Drinking Water  
 Limit of Detection (LOD)/Limit of Quantitation (LOQ) Summary

Pesticide	LOD (ppb)	LOQ (ppb)
Alachlor	0.025	0.083
Atrazine	0.005	0.017
Azinphos ethyl	0.016	0.0533
Azinphos methyl	0.021	0.0699
Benflurallin	0.025	0.083
Bifenthrin	0.025	0.083
Captan	0.100	0.333
Carbophenothion	0.010	0.0333
Chlopyrifos OA	0.020	0.0666
Chlordane - Cis	0.050	0.167
Chlordane - Trans	0.050	0.167
Chlorfenvinphos	0.010	0.0333
Chlorpyrifos	0.011	0.0366
Chlorpyrifos methyl	0.010	0.0333
Coumaphos	0.026	0.0866
Coumaphos OA	0.025	0.0833
Cyfluthrin - II	0.050	0.167
Cyfluthrin - III	0.050	0.167
Cyfluthrin - IV	0.050	0.167
Cypermethrin - II	0.050	0.167
Cypermethrin - III	0.050	0.167
Cypermethrin - IV	0.050	0.167
DCPA (Dacthal)	0.025	0.083
DDE - p,p'	0.050	0.167
DDVP	0.004	0.0133
DEF	0.014	0.0466
Diazinon	0.006	0.0200
Diazinon OA	0.009	0.0300
Dicofol-p,p (d)	0.050	0.167
Dicrotophos	0.010	0.0333
Dieldrin	0.050	0.167
Dimethoate	0.006	0.0200
Disulfoton	0.007	0.0233
Disulfoton sulfone	0.011	0.0366
Endosulfan - I	0.100	0.333
Endosulfan - II	0.100	0.333
Endosulfan Sulfate	0.050	0.167
Endrin	0.100	0.333
Esfanvalerate	0.100	0.333
Ethafluralin	0.050	0.167
Ethion	0.006	0.0200
Ethion mono oxone	0.007	0.0233
Ethoprop	0.007	0.0233
Ethoprophos	0.025	0.083
Fenamiphos	0.012	0.0400
Fenamiphos sulfone	0.022	0.0733
Fenitrothion	0.008	0.0266
Fenitrothion OA	0.010	0.0333
Fenthion	0.008	0.0266

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Fenthion OA	0.010	0.0333
Fenvalerate	0.100	0.333
Fonofos	0.005	0.0167
Heptachlor Epoxide	0.025	0.083
Isofenphos	0.012	0.0400
Malathion	0.011	0.0366
Malathion OA	0.009	0.0300
Methidathion	0.010	0.0333
Methidathion OA	0.025	0.0833
Methoxychlor p,p	0.050	0.167
Methyl parathion	0.006	0.0200
Methyl Parathion OA	0.009	0.0300
Metolachlor	0.005	0.017
Metribuzin	0.050	0.167
Mevinphos (total)	0.010	0.0333
Myclobutanil	0.100	0.333
Napropamide	0.100	0.333
Oxychlordane	0.100	0.333
Oxydemeton me sulfone	0.030	0.0999
Oxyflourfen	0.100	0.333
Parathion	0.007	0.0233
Parathion OA	0.007	0.0233
Pendimethalin	0.100	0.333
Permethrin - Trans	0.050	0.167
Phorate	0.011	0.0366
Phorate OA	0.003	0.0100
Phorate sulfone	0.007	0.0233
Phosalone	0.016	0.0533
Phosalone OA	0.020	0.0666
Phosmet	0.015	0.0500
Phosphamidon I	0.004	0.0130
Phosphamidon II	0.008	0.0266
Pirimiphos methyl	0.010	0.0333
Profenofos	0.012	0.0400
Prometon	0.050	0.167
Prometryn	0.050	0.167
Pronamide	0.025	0.083
Propachlor	0.025	0.083
Propanil	0.050	0.167
Propargite	0.200	0.667
Propetamphos	0.004	0.0133
Propiconazole - I	0.100	0.333
Propiconazole - II	0.100	0.333
Propoxur	0.025	0.083
Simazine	0.050	0.167
Sulfotep	0.004	0.0133
Sulprofos	0.014	0.0466
Sulprofos OA	0.150	0.4995
Tebupirimphos	0.007	0.0233

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<b>Pesticide</b>	<b>LOD</b> <b>(ppb)</b>	<b>LOQ</b> <b>(ppb)</b>
Tebupirimphos OA	0.010	0.0333
Terbufos	0.012	0.0400
Terbufos OA	0.004	0.0133
Terbufos sulfone	0.007	0.0233
Tetrachlorvinphos	0.017	0.0566
Tetradifon	0.050	0.167
Thiobencarb	0.050	0.167
Triadimefon	0.100	0.333
Vinclozolin	0.025	0.083